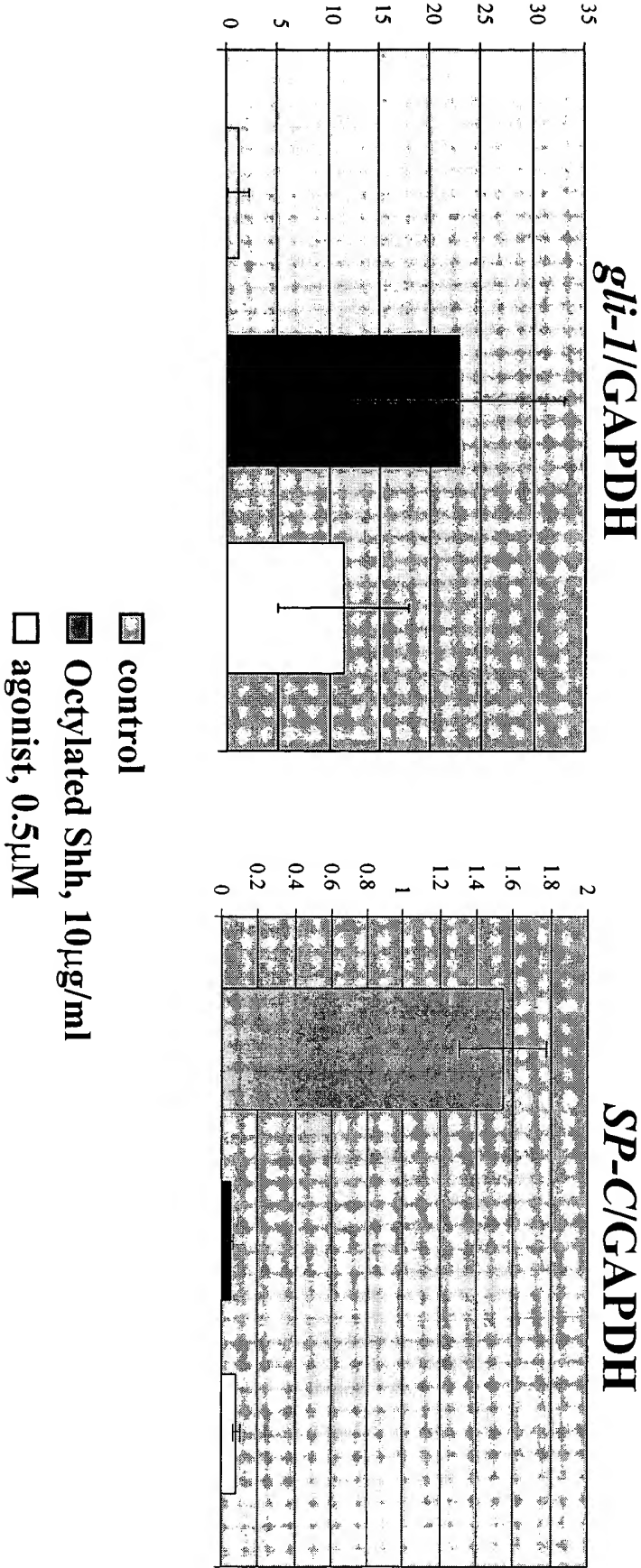


Shh Protein and a Hedgehog Agonist Decrease Surfactant Production in Embryonic Lung Cultures

(by Quantitative Real-Time PCR))



Short-term treatment of embryonic lung cultures with a hedgehog agonists decrease the expression of the maturation marker surfactant type C (Sp-C) as compared to the vehicle control. Again, lung maturation is in inverse relationship with the amplitude of hedgehog signaling.